

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027497.D
 Acq On : 25 Aug 2022 16:11
 Operator : SY/MD
 Sample : N4370-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 00:59:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 00:58:54 2022
 Response via : Initial Calibration

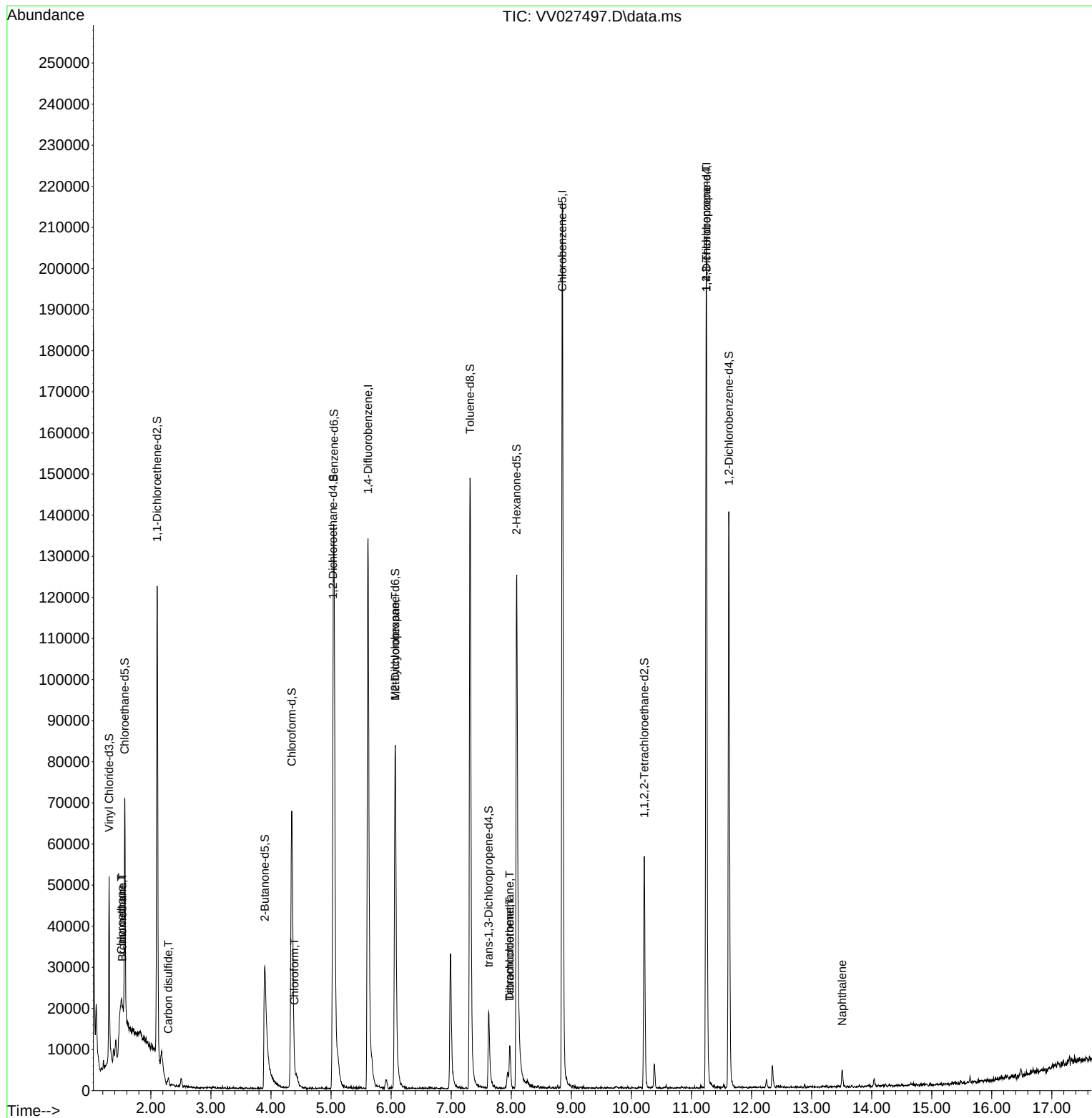
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	119820	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	119137	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55349	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31280	3.668	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.400%	
7) Chloroethane-d5	1.564	69	33802	5.416	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.400%	
11) 1,1-Dichloroethene-d2	2.105	63	59036	2.969	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.400%#	
20) 2-Butanone-d5	3.899	46	59701	56.255	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.500%	
24) Chloroform-d	4.346	84	70281	4.122	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
26) 1,2-Dichloroethane-d4	5.034	65	32342	4.384	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
32) Benzene-d6	5.047	84	131606	3.988	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.800%	
36) 1,2-Dichloropropane-d6	6.069	67	41501	4.326	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.600%	
41) Toluene-d8	7.313	98	104734	3.515	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.400%	
43) trans-1,3-Dichloroprop...	7.625	79	11936	3.634	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.600%	
46) 2-Hexanone-d5	8.088	63	44975	41.592	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.180%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26589	4.352	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	35808	4.364	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.200%	
Target Compounds						
6) Bromomethane	1.523	94	553	0.100	ug/L	86
8) Chloroethane	1.510	64	29693	4.546	ug/L #	51
14) Carbon disulfide	2.291	76	2331	0.094	ug/L #	59
25) Chloroform	4.387	83	2817	0.134	ug/L	92
35) Methylcyclohexane	6.069	83	10197	0.696	ug/L #	15
47) Tetrachloroethene	7.976	164	2497	0.307	ug/L	87
49) Dibromochloromethane	7.976	129	2005	0.241	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	6041	1.244	ug/L #	64
71) Naphthalene	13.509	128	3578	0.266	ug/L	98

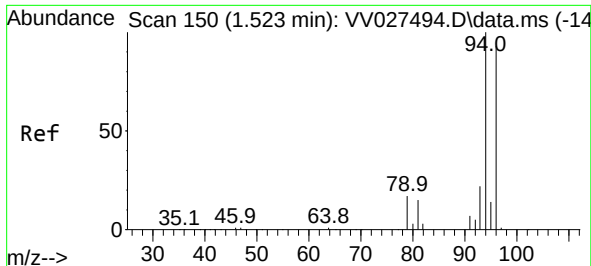
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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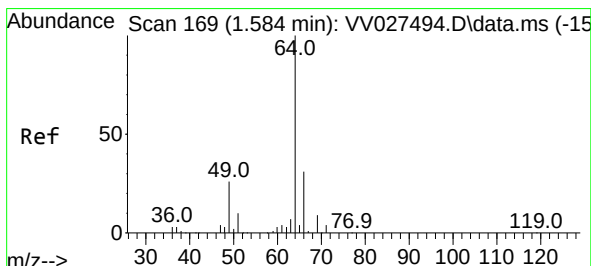
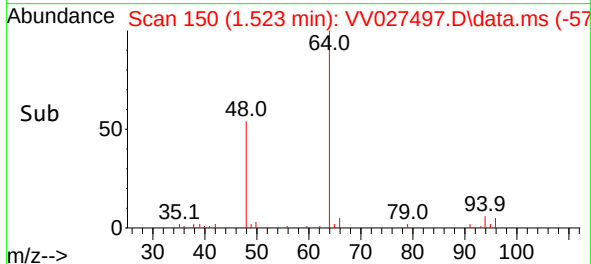
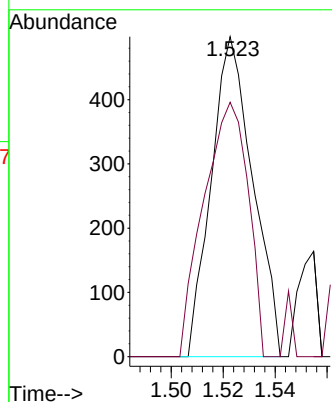
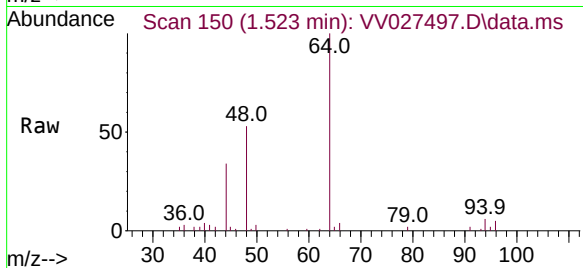




#6
Bromomethane
Concen: 0.100 ug/L
RT: 1.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV027497.D
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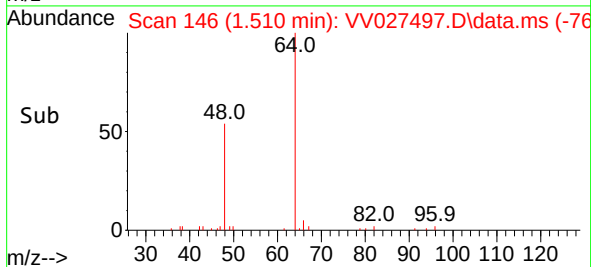
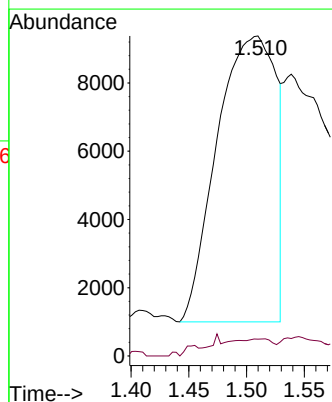
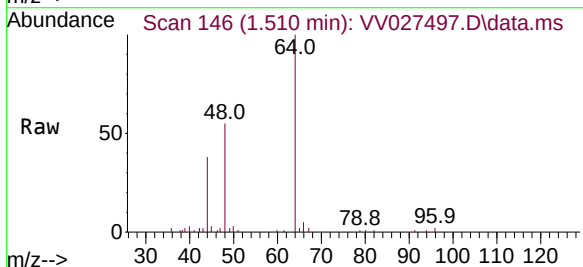
Instrument :
MSVOA_V
ClientSampleId :

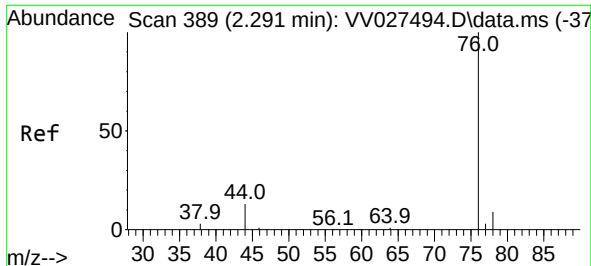
Tgt Ion: 94 Resp: 553
Ion Ratio Lower Upper
94 100
96 79.5 65.2 121.0



#8
Chloroethane
Concen: 4.546 ug/L
RT: 1.510 min Scan# 146
Delta R.T. -0.074 min
Lab File: VV027497.D
Acq: 25 Aug 2022 16:11

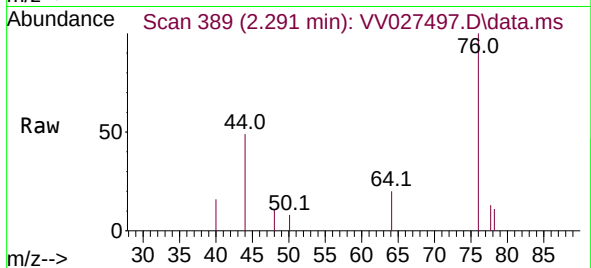
Tgt Ion: 64 Resp: 29693
Ion Ratio Lower Upper
64 100
66 5.3 23.3 43.3#



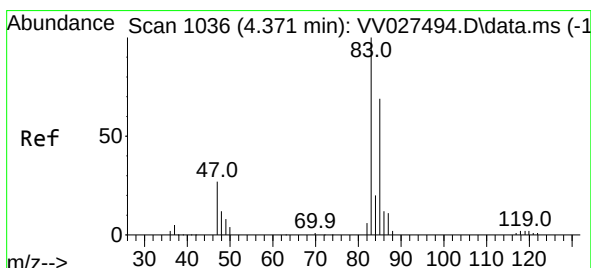
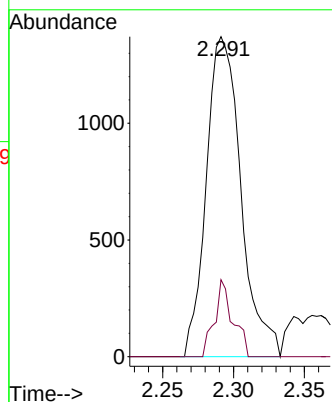
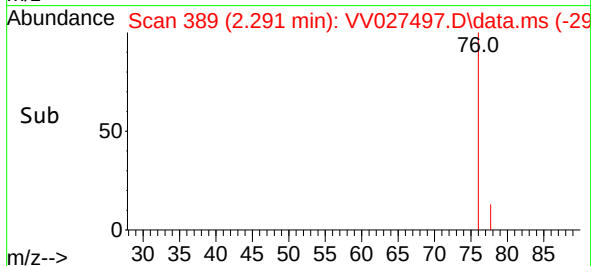


#14
Carbon disulfide
Concen: 0.094 ug/L
RT: 2.291 min Scan# 30
Delta R.T. -0.000 min
Lab File: VV027497.D
Acq: 25 Aug 2022 16:11

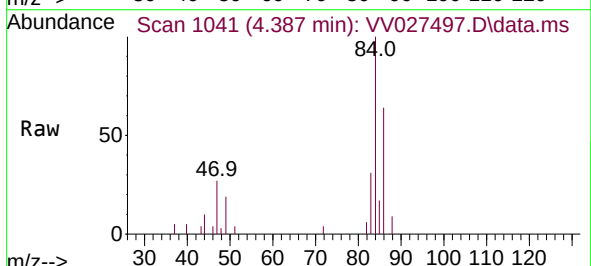
Instrument :
MSVOA_V
ClientSampleId :



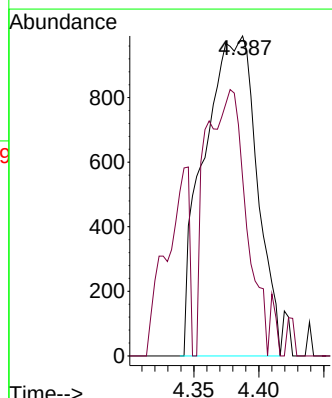
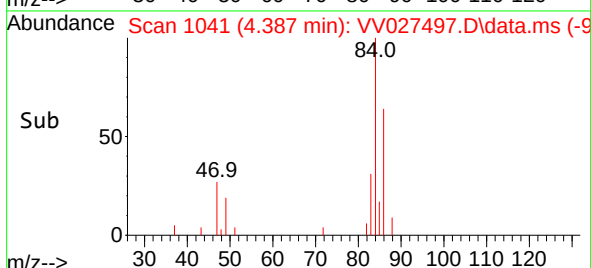
Tgt Ion: 76 Resp: 2331
Ion Ratio Lower Upper
76 100
78 24.1 7.3 10.9#

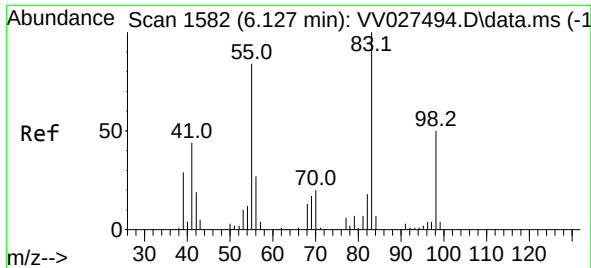


#25
Chloroform
Concen: 0.134 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. 0.016 min
Lab File: VV027497.D
Acq: 25 Aug 2022 16:11



Tgt Ion: 83 Resp: 2817
Ion Ratio Lower Upper
83 100
85 55.7 43.3 80.5

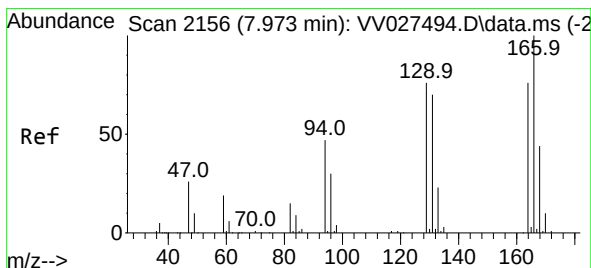
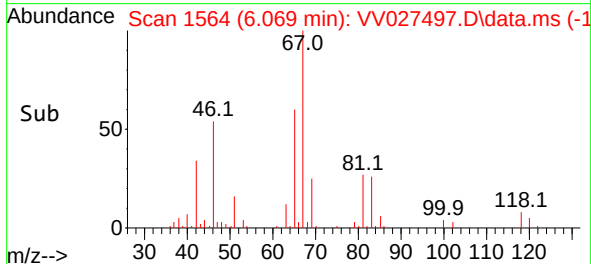
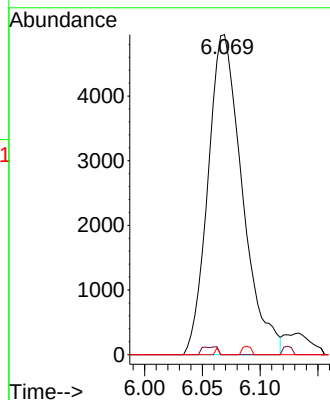
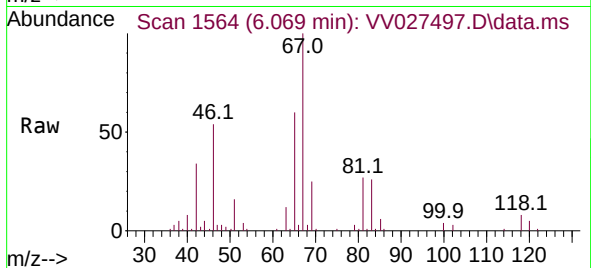




#35
Methylcyclohexane
Concen: 0.696 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV027497.D
Acq: 25 Aug 2022 16:11

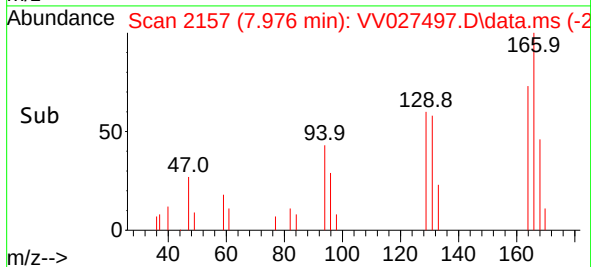
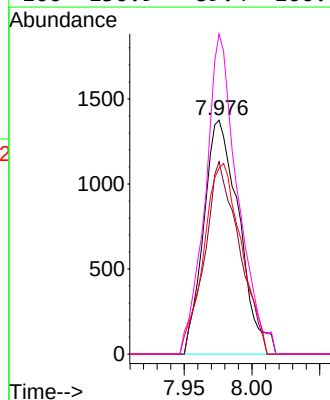
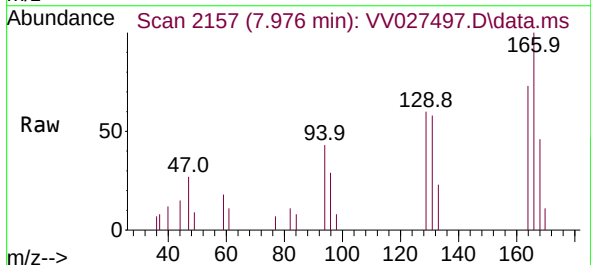
Instrument :
MSVOA_V
ClientSampleId :

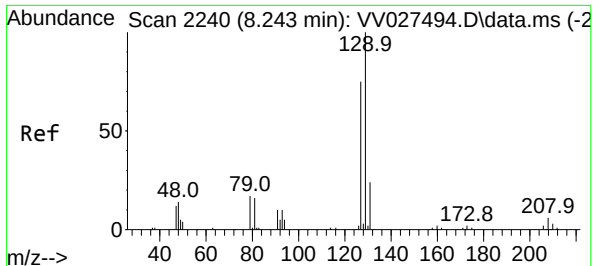
Tgt Ion: 83 Resp: 10197
Ion Ratio Lower Upper
83 100
55 1.1 68.2 102.4#
98 0.2 39.0 58.4#



#47
Tetrachloroethene
Concen: 0.307 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV027497.D
Acq: 25 Aug 2022 16:11

Tgt Ion:164 Resp: 2497
Ion Ratio Lower Upper
164 100
129 82.3 71.1 132.1
131 79.5 64.5 119.9
166 136.9 89.4 166.0





#49

Dibromochloromethane

Concen: 0.241 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027497.D

Acq: 25 Aug 2022 16:11

Instrument :

MSVOA_V

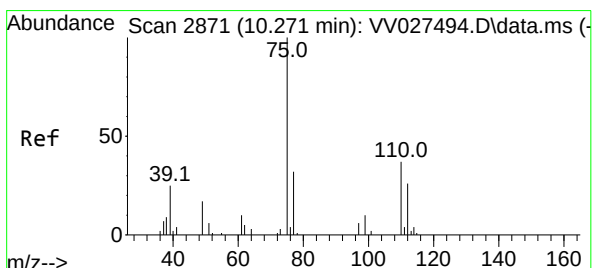
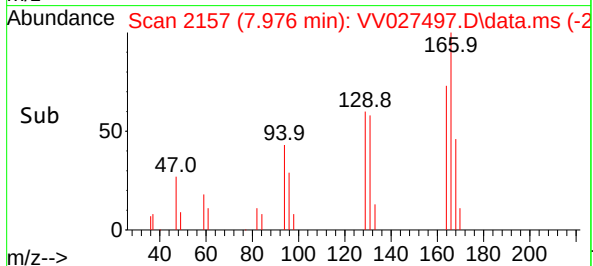
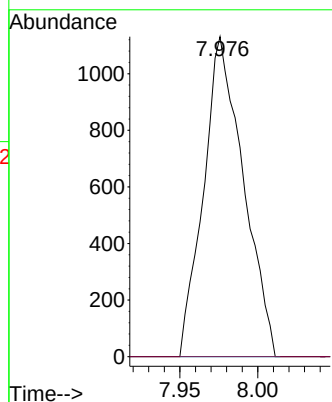
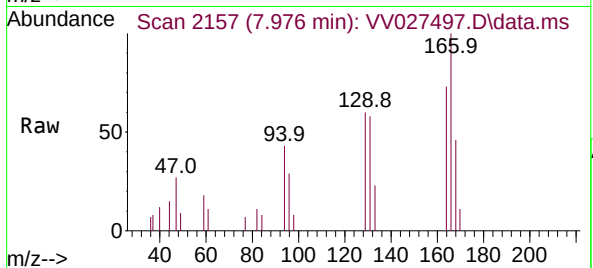
ClientSampleId :

Tgt Ion:129 Resp: 2005

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.244 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027497.D

Acq: 25 Aug 2022 16:11

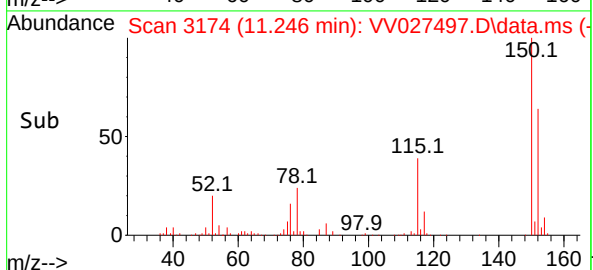
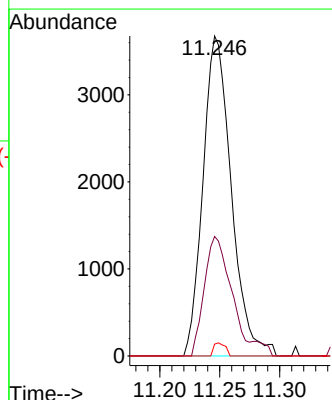
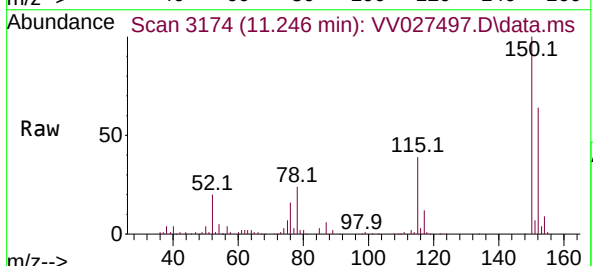
Tgt Ion: 75 Resp: 6041

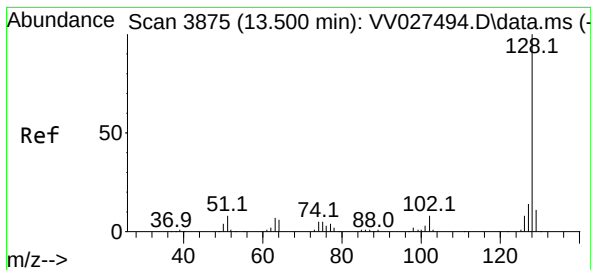
Ion Ratio Lower Upper

75 100

77 37.3 26.2 39.2

110 1.7 29.9 44.9#





#71

Naphthalene

Concen: 0.266 ug/L

RT: 13.509 min Scan# 3878

Delta R.T. 0.010 min

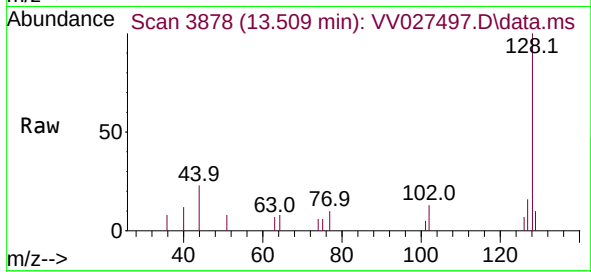
Lab File: VV027497.D

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Tgt Ion:128 Resp: 3578

Ion Ratio Lower Upper

128 100

129 9.8 8.7 13.1

127 12.2 10.4 15.6

